

OPERATING INSTRUCTIONS

for the

BALCAR

ELECTRONIC FLASH

Model T-1005

1200 WATT-SECONDS (JOULES)

BALCAR

OFFICES AND SHOWROOMS :

111, Avenue Victor-Hugo - PARIS (16^e) - POIncaré 50-35 +

FACTORY :

16 bis, Avenue Victor-Hugo - NEUILLY-PLAISANCE (S-&-O) FRANCE

MAINTENANCE

It is best to switch on the flash unit once a week (in position : **25 sec.**) and to set off several flashes. This will keep the special high-quality electrolytical condensers properly formed.

CARE AND HANDLING OF EQUIPMENT

- 1° - Avoid bending the cables sharply. Sharp bends can break the wires in the cables.
- 2° - Keep all connectors free of dust and moisture.
- 3° - After use, remove the reflectors and **replace the metal tube protector**. This will prevent dust from falling on the tubes causing them to brown from the heat of the flash and the modelling lights.
- 4° - Turn on the modelling lights only when needed to see what you are doing. Do not leave them on continually all day long.
- 5° - If your modelling lights blacken, change them to avoid their absorbing light from the flash.
- 6° - DUST ON REFLECTORS ABSORBS AND DIFFUSES LIGHT. Keep them clean !

REFLECTORS

The T-1005 is delivered with 3 reflectors : R-50°, R-100°, and THE UMBRELLA-REFLECTOR.

The R-100° has a double use :

- 1° - It is an excellent wide angle reflector, and
- 2° - Used in conjunction with the umbrella-reflector or another large white surface, it makes a very efficient bounce source.

The R-100° must always be used with the umbrella-reflector. The latter is of VINYL-CHLORIDE and is washable. The outside is opaque to prevent stray light from coming through.

PUTTING ON THE REFLECTORS

Reflectors R-50° and R-100° fit the light-head in the same manner as the **metal tube-protector** (Pl. 2). However, it is necessary to turn the reflectors until the two slots fall opposite the two black knobs. Squeeze the two knobs slightly together and push the reflector in firmly against the light-head. Then screw tightly the knobs.

Once locked on, lightweight barndoors, etc., can be attached to the reflectors.

To use the umbrella-reflector proceed as follows :

- 1° - Open the umbrella **slowly**. (In cold weather open **very slowly** as the plastic stiffens with the cold).
- 2° - Pass the umbrella stick through the hole in the light-head just below the flashtube.
- 3° - When the end of the umbrella-stick is flush with the back of the light-head, tighten the knob on the underside of the light-head. This will hold the umbrella in place.

FOR THE SOFTEST LIGHTING EFFECT AND THE MOST EFFICIENT USE OF THE UMBRELLA-REFLECTOR, PLACE IT AS CLOSE TO THE SUBJECT AS POSSIBLE.